



# The 38th International Symposium on Lattice Field Theory

## Thursday, July 29, 2021

### Particle physics beyond the Standard Model (7:00 AM - 8:00 AM)

-Conveners: Axel Torsten Maas

time	[id] title	presenter
7:00 AM	[208] Perturbative study of the Gluino-Glue operator in SYM	Dr COSTA, Marios
7:15 AM	[526] Estimates for the lightest baryon masses in $\mathcal{N} = 1$ supersymmetric Yang-Mills theory	Dr ALI, Sajid
7:30 AM	[215] One Flavour QCD as an analog computer for SUSY	ZIEGLER, Felix
7:45 AM	[206] Mixed adjoint-fundamental matter and applications towards SQCD and beyond	BERGNER, Georg

### Particle physics beyond the Standard Model (1:00 PM - 3:00 PM)

-Conveners: Claudio Rebbi

time	[id] title	presenter
1:00 PM	[505] Bulk-preventing actions for SU(N) gauge theories	RINDLISBACHER, Tobias
1:15 PM	[529] Thermal phase structure of dimensionally reduced super-Yang-Mills	SCHAICH, David
1:30 PM	[23] Lattice $N = 4$ super Yang-Mills at strong coupling	TOGA, Goksu Can
1:45 PM	[347] Exploring a composite Higgs scenario in a model with four light and six heavy flavors	WITZEL, Oliver
2:00 PM	[458] Goldstone Scattering with a Light Composite Scalar	INGOLDBY, James
2:15 PM	[74] Dilaton chiral perturbation theory and applications	GOLTERMAN, Maarten
2:30 PM	[187] S parameter from a prototype composite-Higgs model	SHAMIR, Yigal
2:45 PM	[133] Testing dilaton potentials for near conformal gauge theories	WONG, chik him

### Particle physics beyond the Standard Model (9:00 PM - 11:00 PM)

-Conveners: Hiroshi Suzuki

time	[id] title	presenter
9:00 PM	[178] Uses of the gradient-flow beta-function	KUTI, Julius
9:15 PM	[503] The non-perturbative RG $\beta$ function at the sill of the conformal window	HASENFRATZ, Anna
9:30 PM	[620] BB Scattering at $N_c=4$ for Stealth Dark Matter	Ms CUSHMAN, Kimmy
9:45 PM	[69] Interglueball potential in lattice SU(N) gauge theories	Dr YAMANAKA, Nodoka
10:00 PM	[609] A method to estimate observables with infinite variance in fermionic systems	YUNUS, Cagin
10:15 PM	[659] AdS/CFT Correspondence for Scalar Field Theory in Lattice AdS <sub>2</sub> , AdS <sub>3</sub>	COGBURN, Cameron OWEN, Evan BROWER, Richard

10:30 PM	[534] Large N limit of two-dimensional Yang-Mills theory with four-supercharges	DHINDSA, Navdeep Singh
10:45 PM	[586] Complex Langevin simulations for PT-symmetric models	KUMAR, Arpith

# Friday, July 30, 2021

## Particle physics beyond the Standard Model (5:00 AM - 8:00 AM)

-Conveners: David Schaich; Enrico Rinaldi

time	[id] title	presenter
5:00 AM	[624] The Techni-Pati-Salam Model	CACCIAPAGLIA, Giacomo
5:15 AM	[200] Sp(2N) gauge theories on the lattice: status and perspectives	LUCINI, Biagio
5:30 AM	[225] Sp(4) lattice gauge theory with fermions in multiple representations	LEE, Jong-Wan
5:45 AM	[226] Mesonic spectrum of Sp(4) gauge theory with Nf=3 dynamical antisymmetry fermions	HSIAO, Ho
6:00 AM	[216] $Sp(4)$ and $Sp(6)$ quenched meson spectrum	HOLLIGAN, Jack
6:15 AM	[265] Topology and scale setting for $Sp(2N)$ pure gauge theories	VADACCHINO, Davide
6:30 AM	[134] SU(2) gauge theory with Nf=2 fundamental fermions - a template for Composite Higgs models	Dr DRACH, Vincent
6:45 AM	[26] Investigating the conformal behaviour of $\mathrm{SU}(2)$ with one adjoint Dirac flavor	BENNETT, Ed
7:00 AM	[576] Exploring SU(3)+Higgs theories: the fundamental case	DOBSON, Elizabeth
7:15 AM	[40] Exploring SU(3) + Higgs theories - The adjoint case	Mr RIEDERER, Bernd
7:30 AM	[105] Spectral reconstruction in SU(4) gauge theory with fermions in multiple representations	LUPO, Alessandro
7:45 AM	[83] Isospin breaking for dark matter	MAAS, Axel Torsten